

SOUTH PRODUCTION NOTES

**December 4, 2013
Morning Shift**

**BASF EMPLOYEES
153 Last Recordable
172 Last Lost Time**

Alumina Gel and building 9 are regulated areas due to Vanadium

#1 MED A-520: Trial is done. Need cleaning instructions for next product (Al-5637). **DO NOT THROW AWAY THE INSERTS FROM THE DIE PLATE>>>SAVE IT, AS IS!**

#1 RC / A-520: We need to get pallet comp samples of drums 1-16 in plastic jars. The last drum of material was fed towards the end of afternoon shift.

Exhaust to Trimer

Day shift: Finish drumming off the bags fed into the hopper (see above). Need cleaning instructions from Bodmann. Request from Justin at 3:00 pm – get a comp sample from each pallet of this material off of the calciner (a little bit from each drum / pallet) and get to lab.

Afternoon shift: Continued to run. The last drum was fed late on afternoon shift.

Midnight shift: All material has been fed.

#2 MED line/ D-0768: On hold. ANY WET MIX GENERATED NEEDS TO BE ADDED BACK INTO THE MIXER. NOTE: there are 5 bags on the floor that need to be inspected and hand screened.

Day shift: On hold until we can clear the floor of bags.

Afternoon shift: Still on hold.

Midnight Shift Update: Did not run the line – too many bags and calciner not running yet.

#2 RC/ D-0768: The calciner was lit on afternoon shift. Begin feeding when we reach temps.

Day shift: Issues with screener (oversize hose being replaced). This was completed but a smaller hose was installed. Will need to watch this to ensure it won't back up. Also, waiting for calciner to light/stay lit. Electrician working on this.

Afternoon shift: Calciner was lit. Waiting for temps to come up.

Midnight Shift Update: Calciner shut down to allow maintenance to repair leaky gear box. Work notification written (933779801).

Exhaust to CTO for NOx control

#3 MED line / D-1794 NAQ: Continue running. Line was started on afternoon shift.
Day shift: Finish cleaning dryer and get ready to start Tuesday. Powder room is ready. If dryer lights, start running.
Afternoon shift: Began running on afternoon shift.
Midnight shift Update: Line running. Located additional Siral 30 but unable to locate additional Zeolite (CVT 760).

#3 RC / D-1794 NAQ: Bring calciner temps up and hold until we build up a few bags.
Exhaust to CTO
Day shift: Calciner was PM'd and relit. Hold until 1794 dried material is made and can be fed.
Afternoon shift: Bringing up temps.
Midnight Shift Update: Building up feed before starting the calciner. REMEMBER to bring CTO ONLINE before starting to feed.

Abbe Blender / D-5206: Continue to run when possible (around contractor shifts).
Afternoon shift: ran batches the 2nd half of the shift.
Midnight Shift Update: Continued to run. Unable to determine if hanger that holds up the overhead line was repaired (933777904).

National Dryer / 5206 : Continue to feed as batches come from the Abbe. Had issues with the dryer at low temp...working on this later day shift/afternoon shift Tuesday.
Day shift: Dryer temps were too low, work notification was written for electrician. Please follow-up and make sure dryer temp is OK before feeding.
Afternoon shift: Dryer fixed on afternoon shift and fed.
Midnight Shift Update: Buggy dumper stopped working. Likely due to blown fuse – work notification written to have maintenance replace it - 933780378.

#4 RC / D-5206: On hold. Building feed.
Exhaust to 4 DC
Day shift: On hold, still building feed.
Afternoon shift: On hold. Building feed.
Midnight Shift Update: On hold; still building feed.

HC-11 Tanks / 1520: Batch 103 solution has been approved. DO NOT make another tank...we will run out what was made and put into 6 tank. Be sure to contact John Bodmann BEFORE making the last PK batch from the solution in 6 tank...adjustment might be needed.

Midnight Shift Update: Solution was transferred to tank 6.

PK Blender / 1520: Planning to run through Wednesday, then need down Wednesday night for thorough cleaning (inspection/repairs planned for Thursday). **MUST BE DE-REGULATED FOR THE REPAIRS – HAS TO BE VERY CLEAN.**

Day shift: Current solution batch (103) will be last one. When we get down to the last PK batch to be made using this solution, contact John Bodmann for instructions. Do not make any batches into early Thursday morning...PK will need to be cleaned.

Afternoon shift: Continued to run.

Midnight Shift Update: There are additional bags of 7005 material inside trailer in dock #3.

#5 RC / 1520: Calciner is running. Keep in mind that this is a regulated area. **Wear your respirators – Vanadium.**

Exhaust to Trimer

Day shift: Continue. **NOTE:** several bags of older material (and 8 drums of 1520) were brought to the calciner for refeeding. Confirm with John Bodmann which of the bags are ready to feed. Drums of 1520 will need to be repacked.

Afternoon shift: Continued to run.

Midnight Shift Update: Continued to run without issues.

New Pfaudler / BE-0101: After being given the go ahead, we have made another batch on afternoon shift. We will need to take this batch to tunnel kilns to be loaded.

Day shift: Per approval from lab and engineer, restart batches on Tuesday afternoon.

Afternoon shift: A batch was made on the 2nd half of afternoon shift.

Midnight Shift Update: Third batch was dropped on midnight shift.

Old Pfaudler D-0756: If #6 RC is running continue to make batches.. Batches have started.

Day shift: Second batch made Tuesday morning, all material in buggies waiting for #6 calciner to be lit/stay lit.

Afternoon shift: No change. Waiting for #6 to start feeding.

Midnight shift Update: No update s we did not make a batch.

#6 - RC / D-0756: Calciner was lit on afternoon shift. When we get up to temperature we need to begin feeding.

Exhaust to Sly Scrubber

Day shift: Trying to keep calciner lit...electricians working on it. May need Elliott to inspect/adjust burners.

Afternoon shift: Calciner was lit and temps are coming up. Should be able to feed on midnight shift when we reach temps.

Midnight Shift Update: Calciner has kicked out at least three times. Unable to keep it lit. Work notification written to have electrician assist - 933780383.

Tower 3 / Cu-0860: Loaded and running .

Day shift: Continue.

Afternoon shift: continued on.

Midnight Shift Update: Loaded and running

Tower 6 / Cu-0860: Tower unloaded, waiting to reload after hydraulic pump repaired (see midnight notes).

Day shift: Still waiting to reload, hydraulic hose had to be ordered. Earliest delivery for hose will be Wednesday per Greg Menz.

Afternoon shift: No change.

Midnight Shift Update: On hold until maintenance receives and installs broken hydraulic hose.

Harrop Kiln - Al-3921 T 3/16": Continue running. The automatic pusher at the cool down zone in the Kiln still not working. It appears as if the clutch is disengaging while pushing carts. Work notification written for one of the blowers on the kiln (#5 blower stopped working). Still operable, but maintenance needs to see Tower operator for more information.

Day shift: Continue on. Had issues again with car mover, but operator found a loose switch and now OK.

Afternoon shift: Continued on.

Midnight Shift Update: Continuing to run.

North Screener / Cu-0860: Continue on.

Day shift: continue...we have around 16 totes as of end of day shift to screen.

Afternoon shift: Ran for half of the shift.

Midnight Shift Update: Still running.

South Screener /Cu-0860: Advised by engineer to set up south screener for Cu-0860.

Day shift: Completed south screener change over for Cu-0860. Screen as personnel available.

Afternoon shift: Ran for half of the shift.

Midnight Shift Update: Still running.

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision whether to switch to 3915.

#2664 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

Day shift: Hold...no change.

Afternoon shift: No change.

Midnight Shift Update: No change.

Tunnel Kiln #2 / AI-3921: Continue feeding.

Day shift: Instructions from Justin Quach to NOT load any more bags into TK#2 (finish emptying the hopper). Continue unloading.

Afternoon shift: Continued loading. Continue until loading hopper is empty.

Midnight Shift Update: We will only load the remaining material in the hopper then we will start unloading only.

Tunnel Kiln #4 / BE-0101: Just unloading until we hear back from the lab. Will also need to "steal" the Sweco screener from #2 kiln...to be determined when this will occur.

Day shift: Continue unloading. Approval given from lab and engineer to continue with batches in new pfaudler. Additional screener was located and should be installed and ready by Wednesday (confirm this with Chuck Evans on Wednesday).

Afternoon shift: Waiting for material to load from the New pfaudler.

Midnight Shift Update: We will begin loading TK4 once we have material available.

Screener still sitting by the Kiln but appears to need some additional work before installing.